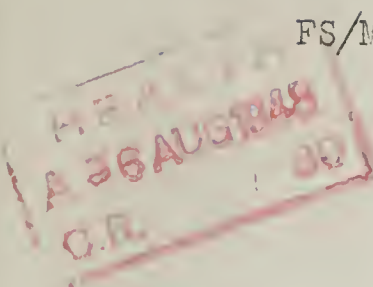


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URBAN DISTRICT COUNCIL OF MARPLE.




Annual Report

of the

SENIOR SANITARY INSPECTOR

for the year ended 31st December, 1947.

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Public Health Officers of the Council.

Medical Officer of Health

H.R. DUGDALE, M.B. Ch.B., D.P.H.

Resigned 31st September, 1947.
(Post now vacant)

Senior Sanitary Inspector

FREDERICK SHACKLOCK, M.R. San. I., M.S.I.A., A.M.I.S.E.

Additional Sanitary Inspector

HARRY CHADDERTON, M.S.I.A.
(Appointed March, 1947)

Surveyor and Water Engineer

ALBERT EDWARD CHALLIS, M. Inst. M.E.

URBAN DISTRICT COUNCIL OF MARPLE.

Council Offices,

Marple,

Cheshire.

To the Chairman and Members of the
Marple Urban District Council.

Mr. Chairman, Lady and Gentlemen,

Annual Report, 1947.

I have the honour to present my Annual Report for
1947. In the absence of a Medical Officer of Health I have
included in the report all the information and statistics
normally supplied in the Medical Officer's Annual Report.

I remain,

Your obedient Servant,

F. Shacklock,

Senior Sanitary Inspector.

SECTION A.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area (in acres)	7,130
Population (Census 1931) (Old Area)...	7,390
Population New Area (Registrar General's Estimate, 1938) ...	11,790
Population 1947 (Registrar General's Mid-Year Estimate). ...	12,380
Number of inhabited houses (end of 1947) Ludworth.	756
(end of 1947) Mellor...	596
According to Rate Books Marple...	<u>2,962</u>
Total	4,314
Rateable Value	87,090
Product of a Penny Rate.. ...	347

VITAL STATISTICS OF THE YEAR

BIRTHS

Live Births:-

				<u>Total.</u>	<u>Male.</u>	<u>Female.</u>
Legitimate	...	...	...	184	96	88
Illegitimate	...	...	...	6	5	1
			Total	<u>190</u>	<u>101</u>	<u>89</u>

Birth Rate:- 15.34

Still Births:-

Legitimate	...	...	...	6	4	2
Illegitimate	...	...	...	<u>-</u>	<u>-</u>	<u>-</u>
			Total	<u>6</u>	<u>4</u>	<u>2</u>

Rate per 1,000 total (live and still) births. 30.61

DEATHS.

	<u>Total</u>	<u>Male</u>	<u>Female</u>
Deaths	181.	88.	93.
Death Rate: 14.54			

Deaths from Puerperal Causes:-

(a) Puerperal Sepsis	Nil.
(b) Other Puerperal Causes.	Nil.

Rate per 1,000 total (live and still births Nil.

INFANTILE MORTALITY.

Deaths of Infants under one year of age:-

	<u>Total</u>	<u>Male</u>	<u>Female</u>
Legitimate....	4.	2.	2.
Illegitimate.	-.	-.	-.
Total	4.	2.	2.

Ratos:

All infants per 1,000 live births.	21.05
Legitimate infants per 1,000 legitimate live births	21.73
Illegitimate infants per 1,000 illegitimate live births	-

	<u>Total.</u>	<u>Male.</u>	<u>Female.</u>
Deaths from Cancer (all ages)	29.	9.	20.
Deaths from Jeasles (all ages)	-.	-.	-.
Deaths from Whooping Cough (all ages)...	-.	-.	-.
Deaths from Diarrhoea (under 2 years)...	-.	-.	-.

Deaths Classified by Ages:

<u>Age.</u>	<u>Total.</u>	<u>Males.</u>	<u>Females.</u>
0 - 1 years	5.	2.	3.
1 - 10 years	4.	3.	1.
11 - 20 years	-.	-.	-.
21 - 30 years	1.	-.	1.
31 - 40 years	1.	1.	-.
41 - 50 years	12.	9.	3.
51 - 60 years	20.	10.	10.
61 - 70 years	43.	19.	24.
71 - 80 years	60.	28.	32.
81 - 90 years	32.	12.	20.
91 -100 years	3.	1.	2.
TOTAL	181.	85.	96.

1939.

DEATHS DURING THE YEAR ENDED 31ST DECEMBER, 1948.

<u>No.</u>	<u>Causes of Death.</u>	<u>Male.</u>	<u>Female.</u>
1.	Typhoid and Paratyphoid Fevers	-.	-.
2.	Measles... ..	-.	-.
3.	Scarlet Fever... ..	-.	1.
4.	Whooping Cough.. ..	-.	-.
5.	Diphtheria	1.	-.
6.	Influenza	2.	3.
7.	Encephalitis Lethargica	-.	-.
8.	Cerebro Spinal Fever.. ..	-.	-.
9.	Tuberculosis of Respiratory System	4.	1.
10.	Other Tuberculosis	-.	-.
11.	Syphilis.. ..	-.	-.
12.	General Paralysis of the Insane etc.	-.	-.
13.	Cancer	14.	10.
14.	Diabetes.. ..	3.	2.
15.	Cerebral Haemorrhage.. ..	2.	2.
16.	Heart Disease... ..	22.	26.
17.	Aneurysm... ..	-.	1.
18.	Other Circulatory Diseases.. ..	9.	10.
19.	Bronchitis	4.	3.
20.	Pneumonia.	2.	3.
21.	Other Respiratory Diseases.. ..	2.	-.
22.	Peptic Ulcer	1.	-.
23.	Diarrhoea (under 2 years	-.	-.
24.	Appendicitis	2.	-.
25.	Cirrhosis of Liver	-.	1.
26.	Other Liver Diseases.. ..	-.	1.
27.	Other Digestive Diseases	-.	2.
28.	Acute and Chronic Nephritis.	1.	2.
29.	Puerperal Sepsis	-.	-.
30.	Other Puerperal Diseases	-.	-.
31.	Congenital Debility, Premature Birth etc	6.	4.
32.	Senility.. ..	-.	-.
33.	Suicide... ..	-.	-.
34.	Other Violence.. ..	2.	2.
35.	Other defined causes.. ..	5.	6.
36.	Ill Defined causes or not known... ..	-.	-.
All Causes		82.	80.

Numbers on the left hand column refer to the Registrar General's Short List based on the fourth (1939) revision of the International List of Causes of Death.

CLASSIFICATION OF CAUSES OF DEATHS 1940-1947.

No.	Cause of Death	1940.		1941.		1942.		1943.		1944.		1945.		1946.		1947.	
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1.	Typhoid & Para. Fevers	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2.	Cerebro Spinal Fever	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
3.	Scarlet Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.	Whooping Cough	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.	Diphtheria	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-
6.	Tuberculosis of Resp. System	1	1	4	3	2	-	4	4	-	4	3	-	4	2	4	-
7.	Other forms of Tuberculosis	-	1	1	1	-	1	-	1	-	-	-	-	-	-	-	1
8.	Syphilitic Diseases	-	-	-	-	-	-	-	1	1	-	-	-	1	-	-	-
9.	Influenza	2	2	1	1	-	-	2	2	-	-	-	-	3	1	1	-
10.	Measles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.	Ac. Poliomyelitis and Polioencephalitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.	Ac. Infectious Encephalitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13.	Cancer of Buccal Cavity (M) Cancer of Uterus (F)	2	3	-	1	2	-	2	1	-	-	2	1	1	1	-	1
14.	Cancer of Stomach & Duodenum.	4	2	7	4	2	1	-	3	3	3	3	2	4	1	2	2
15.	Cancer of Breast	-	3	1	2	-	5	-	1	-	3	-	5	-	2	-	1
16.	Cancer of all other sites	7	10	6	6	2	9	7	7	8	7	6	4	13	14	7	16
17.	Diabetes	-	-	-	1	-	2	-	3	1	1	-	1	1	2	-	-
18.	Intracranial Vascular Lesions.	13	5	7	11	9	11	7	9	10	14	3	10	7	11	10	15
19.	Heart Disease	19	25	21	39	17	22	12	24	16	31	21	29	20	25	26	24
20.	Other Diseases of circulatory system.	3	5	4	5	5	2	5	2	1	-	6	4	2	3	3	3
21.	Bronchitis	6	5	16	2	7	10	7	5	5	6	6	1	7	4	5	5
22.	Pneumonia	-	-	3	5	6	3	4	1	1	2	2	4	4	3	5	3
23.	Other Respiratory Diseases	-	-	1	1	2	2	-	-	-	1	1	-	1	1	1	-
24.	Ulcer of Stomach or Duodenum	1	1	-	-	-	-	1	-	1	-	2	-	-	-	2	3
25.	Diarrhoea (under 2 years)	-	-	-	-	-	-	-	-	1	-	1	-	3	1	-	-
26.	Appendicitis	-	-	1	-	1	1	-	-	-	-	1	-	-	-	1	-
27.	Other Digestive Diseases	1	2	-	5	2	2	1	4	2	1	1	1	2	3	1	1
28.	Nephritis.	-	3	3	3	3	1	1	2	2	3	1	2	-	1	5	1
29.	Puerperal & Post Abortive Sepsis	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
30.	Other Maternal causes	-	-	-	2	-	-	-	-	-	-	1	-	-	-	-	-
31.	Premature Birth	-	-	1	-	-	-	2	-	3	-	1	-	-	-	1	-
32.	Congenital Malformation Birth Injury, Infantile Dis.	-	-	2	1	1	1	1	1	-	2	1	2	1	-	1	2

CLASSIFICATION OF CAUSES OF DEATHS 1940-1947 (continued)

No.	Cause of Death	1940.		1941.		1942.		1943.		1944.		1945.		1946.		1947.
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
33.	Suicide	1	1	3	1	1	1	1	-	2	-	1	-	-	1	-
34.	Road Traffic Accidents	1	2	3	1	1	-	-	1	-	-	-	1	3	1	1
35.	Other Violent Causes	2	2	-	1	1	-	3	-	1	1	1	2	1	5	1
36.	All other causes	6	6	3	11	5	4	5	8	5	4	6	9	3	5	11
	All Causes	70	79	88	108	69	78	65	80	63	83	68	82	81	88	88

The number given in the left hand column refer to the Registrar General's short list based on the fifth (1932) Revision of the international list of causes of death.

MARPLE URBAN DISTRICT.

EXTRACTS FROM STATISTICS FOR THE YEARS 1939/1947.

Year	Population to mid-year.	Total	B I R T H S				S T I L L				B I R T H S		D E A T H S				INFANTS UNDER ONE YEAR.					
			Legit.	Illeg.	Rate.	Total.	Legit.	Illeg.	Rate per 1,000 population.	Rate per 1,000 live and still births.	All Causes.	Rate.	Puorp. Sepsis.	Other Puorp.	Rate.	Total.	Leg it.	Illeg.	Rate per 1,000			
1939	11,820.	140.	136.	4.	11.84	5.	--	0.72	34.48	162.	13.11	--	--	--	8.	8.	--	57.14				
1940	13,770.	137.	136.	1.	9.94	2.	--	0.19	14.40	149	10.82	--	--	--	--	--	--	--				
1941	13,820.	137.	134.	3.	9.91	4.	--	0.57	28.35	196	14.18	--	--	--	6.	6.	--	43.79				
1942	13,180	157.	151.	6.	11.9	4.	2.	0.45	36.8	147	11.1	--	--	--	3.	3.	--	19.1				
1943	12,650	146.	141.	5.	11.5	4.	1.	0.39	33.1	148	11.7	--	--	--	5.	5.	--	33.1				
1944	11,960	189.	182.	7.	15.8	8.	--	0.66	40.6	146.	12.2	--	--	--	7.	7.	--	37.0				
1945	11,820	166.	155.	11.	14.04	5.	--	0.42	28.07	150.	12.69	1.	--	5.64	4.	3.	1.	24.00				
1946	12,270	171.	164.	7.	13.93	3.	2.	0.40	29.23	169.	13.77	--	--	--	7.	7.	--	39.77				
1947	12,380	190.	184.	6.	15.34	6.	--	0.48	31.57	181.	14.54	--	--	--	4.	4.	--	20.40				

SECTION B.

GENERAL PROVISIONS OF HEALTH SERVICES IN THE AREA.

Laboratory Facilities.

(1) The Public Health Laboratory of the University of Manchester and the Stopping Hill Hospital carried out many of the bacteriological examinations required by the Council. During the year the following examinations were made:-

	<u>No.</u>	<u>Pos.</u>	<u>Neg.</u>
Swabs for Diphtheria.	46.	1.	45.
Blood for Typhoid Group.	-.	-.	-.
Faeces for Dysentery.	1.	-.	1.
Milk for T.B.	58.	5.	53.
Milk for Bacterial Count (B.Coli.)	121 (Details in Sec: E)		
Milk for Methylene Blue Reduction Test)			

(2) The Laboratory of the Cheshire County Council carried out the following examinations:-

<u>Sputum for T.B.</u>	<u>Positive.</u>	<u>Negative.</u>
53.	15.	38.

(3) The Manchester Public Health Laboratory carried out the following examinations of the water supply of the area.

	<u>Bacteriological.</u>	<u>Chemical.</u>
Public Supplies	37.	3.
Private Supplies	3.	0.
	<u>40.</u>	<u>3.</u>

Ambulance Facilities.

The Stockport Police Ambulances are available at a yearly retaining fee for all street accidents. They are also used for the transport of cases to and from hospital, a graduated fee being charged to the patient.

The ambulance attached to Stopping Hill removes patients who are under the care of the Public Assistance Committee.

The Hyde Isolation Hospital Ambulance is available for all cases of infectious disease.

No difficulties have been experienced.

Professional Nursing in the Home.

The Local Authority provides no nursing facilities.

There are, however, three District Nurses in the area, employed by each of the three District Nursing Associations of Marple, Marple Bridge and High Lane.

The Nurses are available for both General Nursing and Maternity work but not for infectious diseases.

The three associations are maintained entirely by voluntary contribution.

Midwives.

There are four practising midwives in the area supervised by the Cheshire County Council. Three of them are the District Nurses mentioned above.

Maternity and Nursing Homes.

There are no Maternity and Nursing Homes in the area.

Maternal Mortality.

Investigation of maternal deaths and cases of puerpal fever are carried out by the Cheshire County Council.

Hospitals.

Two beds are retained at Hyde Borough Hospital for infectious cases. No difficulty has been experienced in obtaining accommodation during the year.

Two further beds are retained at Hyde for Smallpox.

Tuberculosis is treated under the County Council Scheme and Dispensaries are maintained at Hyde and Stockport.

There is no Municipal or County Maternity Hospital in the area and both maternity and general cases are treated at Manchester (12 miles distant) or at Stockport either in the Infirmary or the Stopping Hill Hospital.

Nab Top Sanatorium of the Salford Corporation and the Orthopaedic Hospital of the Crippled Children's Help Society are situated in the district.

Clinics and Treatment Centres.

One School Clinic is held weekly in Marple and there are now four Welfare Centres maintained by the County Council, situated at Marple, Marple Bridge, High Lane and Mellor.

Mortuary.

The Mortuary for the area is maintained at the Council Offices and the improvements under consideration last year have now been carried out with the exception of the provision of a reserve water supply tank which is to be fitted next year.

SECTION F.

PREVALENCE OF AND CONTROL OVER INFECTIOUS DISEASES.

GENERAL. The following table shows the number of cases of each disease notified from 1939 - 1947.

DISEASE	1939.	1940.	1941.	1942.	1943.	1944.	1945.	1946.	1947.
Smallpox	-	-	-	-	-	-	-	-	-
Scarlet Fever	15.	11.	8.	14.	37.	5.	25.	29.	8.
Diphtheria	24.	5.	11.	16.	-.	14.	23.	3.	2.
Enteric (Inc: Paratyphoid)	-.	1.	-.	-.	-.	-.	-.	-.	-.
Erysipelas	2.	7.	4.	6.	6.	2.	2.	4.	2.
Acute Polioimyclitis	-.	-.	-.	-.	-.	-.	-.	-.	1.
Ophthalmia Neonatorum	-.	-.	-.	-.	-.	-.	-.	-.	-.
Pneumonia	10.	17.	28.	11.	9.	3.	6.	7.	2.
Epidemic Meningitis	-.	1.	1.	1.	-.	-.	-.	-.	-.
Acute Biro Encephalitis	-.	-.	-.	-.	1.	-.	-.	-.	-.
Puorporal Pyrexia	-.	1.	2.	-.	-.	-.	1.	1.	-.
Dysentory	3.	-.	-.	-.	1.	-.	-.	-.	-.
Measles	-.	92.	314.	68.	49.	46.	112.	44.	145.
Whooping Cough	2.	10.	53.	38.	23.	28.	30.	40.	12.
	56.	148.	421.	158.	126.	98.	199.	128.	172.

Measles and Whooping Cough were not notifiable until October, 1939.

Age Distribution of Diphtheria.

	1939.	1940.	1941.	1942.	1943.	1944.	1945.	1946.	1947.
0 - 1 year	-.	-.	-.	-.	-.	-.	-.	-.	-.
1 - 2 years	-.	-.	-.	1.	-.	-.	-.	-.	-.
2 - 3 years	2.	-.	-.	1.	-.	-.	-.	-.	-.
3 - 4 years	.	-.	1.	2.	.	-.	-.	-.	-.
4 - 5 years	-.	-.	1.	2.	-.	1.	-.	-.	-.
5 - 10 years	6.	4.	5.	4.	-.	4.	14.	1.	1.
10 - 15 years	6.	-.	-.	2.	-.	8.	7.	1.	-.
15 - 20 years	4.	-.	-.	-.	-.	1.	2.	1.	-.
20 - 35 years	6.	-.	3.	4.	-.	-.	-.	-.	1.
35 - 45 years	-.	-.	-.	-.	-.	-.	-.	-.	-.
45 - 65 years	-.	-.	1.	-.	-.	-.	-.	-.	-.
65 and over	-.	1.	-.	-.	-.	-.	-.	-.	-.
TOTALS.	24.	5.	11.	16.	-.	14.	23.	3.	2.

DIPHTHERIA. Number of children who completed a full course of Primary Immunisation during 1947, is as follows:-

<u>Age.</u>		<u>Estimate of Population, 1947.</u>	
Under 5	= 141	Children aged 0	- 4 = 870
5 to 14	= 37	"	" 5 - 14 = 1470
Total	<u>178</u>	Total	<u>2340</u>

At the 31st December, 1947 the total number of children aged 1 - 15 immunised was 1,713 = 73.20%

MEASLES.

An outbreak of measles occurred early in the year. The total of 145 cases for the year is the highest since 1941.

TUBERCULOSIS.

New Cases and Mortality during 1947.

Age Period	New Cases.				Deaths.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0 - 1 year	-.	-.	-.	-.	-.	-.	-.	-.
1 - 5 years	1.	-.	-.	-.	-.	-.	-.	-.
5 - 15 years	-.	-.	1.	3.	-.	-.	-.	1.
15 - 25 years	-.	-.	1.	-.	-.	-.	-.	-.
25 - 35 years	1.	2.	-.	-.	-.	1.	-.	-.
35 - 45 years	3.	1.	-.	-.	-.	-.	-.	-.
45 - 55 years	2.	1.	-.	-.	1.	-.	-.	-.
55 - 65 years	1.	-.	-.	-.	-.	-.	-.	-.
65 and upwards	-.	1.	-.	-.	-.	-.	-.	-.
TOTALS	8.	5.	2.	3.	1.	1.	-.	1.

The number of cases remaining in the Tuberculosis Register at the end of 1947 was:-

	<u>Pulmonary.</u>	<u>Non-Pulmonary.</u>
Males	32	16
Females	29	10
	<u>61</u>	<u>26</u>

There were no non-notified Tuberculosis deaths and the efficiency of notification in the area is high.

SECTION C.

Sanitary Circumstances of the
Area.

1. (1) Water.

Marple Village and High Lane.

A first class water supply from Stockport Corporation is fed to this part of the Urban District but unfortunately owing to the need for scraping or renewal of old water mains and the need for larger mains caused by the development of the district there has not been a sufficient supply available at all times in some areas. This matter is receiving the attention of the Council and it is hoped that arrangements for improved distribution will be made next year.

Ludworth.

The water supplied to Ludworth from local gathering grounds has been regarded as unsatisfactory for some years, as the reports on samples from Devils Elbow and Cote Green Reservoirs indicate pollution does occur from time to time and apart from this a long period of drought renders these supplies inadequate.

A scheme for provision of a satisfactory supply from Stockport has been submitted to the Minister of Health and will be proceeded with when sanction is obtained.

Mellor.

The water supplied to Mellor comes from Harrymoor and from Tardon, both supplies are normally of good quality and sufficient quantity but may have to be augmented by a supply from Stockport in the future. This is provided for in the scheme mentioned above.

Analysis of Water.

Owing to the danger of pollution of the various water supplies in the Mellor and Ludworth areas frequent samples have been taken and submitted for bacteriological examination and in some cases chemical analysis.

Details of samples taken are as follows:-

Number of Samples Taken:-

	<u>Bacteriological.</u>	<u>Chemical.</u>
Public Supplies.	37	3
Private Supplies	3	-
	<u>40</u>	<u>3</u>

TOTAL 43.

Table showing results of the bacteriological examination of 40 samples:-

<u>Source of Sample.</u>	<u>Wholesome.</u> <u>1947</u>	<u>Border Line.</u> <u>1947</u>	<u>Unwholesome.</u> <u>1947.</u>
Devil's Elbow	8	2	1
Cote Green	6	3	4
Tardon	2	1	1
Jordanwallnook	1	-	-
Appletree	3	-	1
Stockport Corporation	4	-	-
Private Supplies	2	-	1
	<u>26</u>	<u>6</u>	<u>8</u>

The results of the Chemical Analysis of three samples are satisfactory. These samples were taken from the Stockport Supply.

Rainfall.

The Records of rainfall taken at the Gauge - Urban District Council Depot, Rose Hill.

Month.	Inches.		No. of days rainfall.		Total inches.		Total Days.		Remarks.
	1947.	1946.	1947.	1946.	1947.	1946.	1947.	1946.	
January	2.38	4.33	16	17	2.38	4.33	16	17	Lowest since 1941
February	.39	6.05	12	20	2.77	10.38	28	37	Lowest since 1934
March	4.65	.93	26	9	7.42	11.31	54	46	Highest since 1919
April	2.65	1.76	16	10	10.07	13.07	70	56	Highest since 1944
May	2.49	1.43	16	14	12.56	14.50	86	70	Highest since 1945
June	2.64	3.82	19	26	15.20	18.32	105	96	Lowest since 1942
July	4.18	5.83	16	19	19.38	24.15	121	115	Lowest since 1945
August	.64	4.77	4	26	20.02	28.92	125	141	Lowest on record.
September	2.22	5.14	20	23	22.24	34.06	145	164	Lowest since 1941
October	.63	.93	10	11	22.87	34.99	155	175	Lowest since 1922
November	4.32	4.42	20	21	27.19	39.41	175	196	Lowest since 1945
December	3.32	3.84	21	24	30.51	43.25	196	220	Lowest since 1945

30.51 is the lowest total for the year since 1937.

(ii) Drainage and Sewerage.

Marple Area. Sewage works at Dooley Lane and at Strines provides for all but small parts of the area which are drained to septic tanks or on the conservancy system.

Mellor and Ludworth Area. The Sewage works at Low Marple provides for the major part of the built up area the remainder being unsewered and dependent on septic tanks or the conservancy system. The number of septic tanks throughout the district tends to increase owing to the modernisation of some of the old houses formerly without water closets.

The sewers have been extended to the following new housing estates, Roschill, Willow Grove, High Lane and Cote Green, also the sewer at Ludworth has been extended by 60 yards along Ley Lane to make provision for the building development.

2. Rivers and Streams.

A most attractive feature of the Urban District is the valley of the River Goyt. This is unfortunately marred by the very serious pollution by Trade effluent of various colour and odour which are discharged into the river from time to time (before it reaches this area) in spite of the efforts of the Officials of the Irwell and Joint Committee whose duty it is to prevent such pollution as far as practicable under existing legislation.

3. (i) Sanitary Accommodation.

The disposal of excrement in the district is dealt with by three methods: Water carriage, pails and middens.

The following table shows the numbers of these in the district:-

Water Closets	4,750
Waste Water closets	295
Privy Middens	12
Pail Closets	302
Dry Ashpits	14
Ashbins	4,417

(ii) Public Cleansing.

The public cleansing service has continued to operate on the same lines as last year, two Karrier Bantams being operated by Council Employees to carry out a fortnightly collection of bins and a weekly pail collection. The collection of both bins and pails was seriously interfered with in the early part of the year owing to the heavy and protracted snowfall. It is on these occasions that the disadvantage of the two weeks interval is most noticeable as the two weeks can very easily become three weeks and the piling up of accumulations throughout the district becomes a serious matter. In order to reduce these difficulties and provide a better service, arrangements have been put in hand for a ten-day collection of refuse and salvage to commence next year. The collection of salvage, particularly waste paper, has been consistently maintained since 1944. The following table shows the yearly progress of salvage collection and sales since, 1939.

SALVAGE.

Year	Textiles	Metals.	Paper.	Bones.	Batteries	Bottles	Kitchen Waste.	Jars 1 lb. Round.	Rubber.	Yearly Weights	Yearly Values.
	T. Cwts. Q. lbs.	T. Cwts. Q. lbs.	T. Cwts. Q.	T. Cwts. Q.	T. Cwts. Q.	T. Cwts. Q.	T. Cwts. Q.	T. Cwts. Q.	T. Cwts. Q.	T. Cwts. Q. lbs.	£. s. d.
1939-40	3.11. 1. 0	13.11. 2. 0	- . - . -	- . 1. 2	- . - . -	5. 9. 1	- . - . -	- . - . -	- . - . -	22. 13. 2.	31. 1. 1.
1940-41	18. 5. 0. 2	146.15. 1.16	153.13. 1	3.14. 1	4.10. 2	7.17. 2	- . - . -	- . - . -	- . - . -	334. 13. 3. 18	977. 17. 4.
1941-42	11.12. 2. 8	45. 8. 0. 9	134.15. 0	4.10. 1	3.10. 2	11.18. 2	55. 8. 0	- . - . -	- . - . -	267. 2. 3. 17	886. 18. 2 $\frac{1}{2}$
1942-43	18. 8. 2.24	92. 7. 3.24	137.18. 2	6. 1. 1	- . - . -	15.13. 1	58.13. 0	- . - . -	6.14. 2	335. 17. 0. 20	1,528. 7. 8.
1943-44	16. 1. 3. 7	17. 2. 0. 1	96.11. 3	4.15. 1	- . - . -	- . - . -	17.17. 2	- . - . -	1.17. 1	154. 5. 2. 8	1,052. 13. 5 $\frac{1}{4}$
1944-45	9. 2. 3. 2	- . - . -	77. 5. 2	5.15. 3	- . - . -	12. 7. 0	4. 2. 0	- . - . -	1. 0	108. 14. 0. 2	719. 18. 3 $\frac{1}{4}$
1945-46	9.11. 1.11	2.13. 1.27	71. 2. 0	4.10. 0	- . - . -	2.14. 0	- . - . -	1500 @ 1d	- . - . -	90. 10. 3. 10	668. 16. 5 $\frac{3}{4}$
1946-47	6.10. 2.14	- . - . -	74.18. 2	2.10. 2	- . - . -	3. 4. 2	- . - . -	7801 @ 1d	- . - . -	87. 4. 0. 14	651. 7. 5 $\frac{1}{4}$
1947-48	6. 1. 0.14	4.16. 0. 0	83.13. 3	1. 1. 2	- . - . -	9.13. 2	- . - . -	10082 @ 1d	- . - . -	105. 5. 0. 14	786. 0. 0 $\frac{1}{2}$
Weight Total 1939-48	99. 5. 0.26	322.12. 1.21	829.17. 2	33. 0. 1	8. 1. 0	68.17. 2	136. 0. 2	19183 @ 1d	8.12. 3	1506. 7. 0. 19	- . - . -
Value Total 1939-48	£1380.17.4 $\frac{1}{4}$	£650. 3. 3 $\frac{1}{4}$	£4643.3.7.	£144.3.6 $\frac{1}{4}$	£4. 6. 0	£135.17.1 $\frac{1}{2}$	£240.7.8 $\frac{1}{4}$	£79.18.7	£24.18.3 $\frac{3}{4}$	- . - . -	£7,302. 19. 11 $\frac{1}{4}$

House refuse is disposed of at one controlled Tip at Torkington Lane.

Night soil is disposed of at the Sewage Works.

The number of employees is:-

Drivers	2
Loaders	8 (including salvage collectors.
Tipmen	1
Salvage Balor	1

The net cost of refuse collection and disposal for the financial year 1947-48 after deduction of £786 income from salvage is £3,510.

(iii) Sanitary Inspection of the Area.

The Sanitary Inspector reports the following inspections made during the year 1947:-

(a) Nature of Inspection.

Water Supply	86
Drainage	558
Stables and Piggeries	39
Fried Fish Shops	22
Moveable Dwellings	64
Mechanical Factories	37
Non-Mechanical Factories	7
Bakchouses	53
Public Conveniences	11
Theatres and Places of Entertainment	22
Refuse Collection	662
Refuse Disposal	175
Rodent Control	68
Schools	11
Shops	10
Miscellaneous visits	283
Inspection of houses re complaint etc.	421
Reinspection of above	515
Inspection of houses under Housing Act	9
Reinspection of above	2
Overcrowding	722
Miscellaneous housing visits	131
Inquiry re infectious disease	14
Vermineous Premises - revisits	7
Disinfection	14
Miscellaneous Infectious disease visits (Contacts etc.)	18
Inspection of Meat at Slaughterhouses and shops.	90
Inspection of Butchers shops	11
Fishmongers and Poulterers	7
Grocers	29
Greengrocers	7
Ice Cream Shops	36
Food Preparing Premises	39
Market Stalls	6
Restaurant Kitchens	6
Cowsheds and Dairies	288
Milk Samples. Bacteriological	148
Milk Samples. Tubercle Bacilli	42
Water Samples. Bacteriological	40
Water Samples. Chemical	3
Ice-Cream Samples	4
Miscellaneous Food visits	9

Total 4,726

(b) Notices.

No. of complaints received

189

(1) Informal

	<u>Served.</u>	<u>Complied with.</u>
Public Health Acts, 1936.	84	62
Housing Act, 1936	-	-
Milk and Dairies Order, 1926	2	2
Food and Drugs Act, 1938	2	2
Factory Act, 1937	2	2
Rats and Mice Destruction		
Act, 1919	51	51
Shop Acts	-	-
	<u>141</u>	<u>119</u>

(c) Statutory

	<u>Served.</u>	<u>Complied with.</u>
Public Health Act, 1936.	3	3

Defects and Nuisances remedied during the year.

	<u>Found.</u>	<u>Abated.</u>
Public Sewers Choked or defective	57	57
Drainage System Choked or defective	16	13
W.C. Fittings or Structure defective	21	21
Pail Closets defective	30	30
W.C. closets defective	8	8
Sinks broken or insanitary	3	2
Waste pipes leaking or short	10	7
Rainwater pipes and eavesgutters		
leaking	31	27
Soil pipes leaking or defective	2	2
Insanitary yard paving	3	3
Dilapidated firegrates and flues	11	7
Perished Plaster of walls and ceilings	33	24
Dilapidated Windows and doors	26	19
Leaking roofs	18	16
Damp houses	5	4
Percolations of water etc. into		
premises	6	6
Dirty premises	2	2
Offensive Accumulations	1	1
Defective dustbins	254	254
Defective Ashpits (converted to		
Chemical closets	6	6
Defective cesspools	2	2
Insufficient Sanitary Accommodation	2	2
Defects in factories	12	12
Vermin Infestation Rats and Mice	70	62
Bugs	-	-
Other	3	3
Total	<u>632</u>	<u>590</u>

(iv) Shops and Offices.

(a) Shops Act, 1934.

The major portion of the act is administered by the County Council. There has been no occasion for the Sanitary Inspector to take action in connection with the heating and ventilation of shops but steps have been taken to secure the provision of sanitary accommodation and washing facilities at two shops.

(b) Offices.

Action has been necessary under the provisions of the Public Health Act, 1936 relating to Sanitary Accommodation, ventilation or overcrowding of in only one instance.

(v) Camping Sites and Moveable Dwellings.

Licences.

Number of Applications received.

(a) For use of sites

1947.
Nil.

(b) In respect of moveable dwellings

7

Licences were granted to each of the seven applicants, subject to the conditions imposed by the Council.

(vi) Smoke Abatement.

No statutory action has been necessary in connection with smoke nuisance and the proprietors of the few factories in the district have shown a willingness to co-operate in the prevention of atmospheric pollution.

(vii) Swimming Baths.

The Public Swimming Bath in the Urban District which was closed during the War has been fully appreciated by the public since the re-opening on 2nd July, 1945 both as a public hall in the Winter months and as a swimming pool in the Summer. The bath water is filtered and chlorinated by the plant installed at the baths.

The record of attendances of bathers for 1947 is given below.

<u>Month.</u>	<u>Gents.</u> <u>1947.</u>	<u>Ladies.</u> <u>1947.</u>	<u>Boys.</u> <u>1947.</u>	<u>Girls.</u> <u>1947.</u>	<u>Total.</u> <u>1947.</u>	<u>Spectators.</u> <u>1947.</u>
April	560	302	2201	1516	4579	270
May	770	402	4303	3737	9212	352
June	824	592	5262	5949	12627	481
July	697	324	3193	1883	6097	441
August	524	230	876	308	1938	46
September	210	107	550	502	1369	8

Total No. of Bathers for six months 35,822. Total Spectators 1,598.

	<u>Bathers.</u>	<u>Spectators.</u>
Total for 1947 (6 months)	35,822	1,598
Total for 1946 (6 months)	34,256	2,226
Total for 1938 (7 months)	29,205	1,246
Total for 1937 (7 months)	25,992	912

The above figures show the great increase in attendances since prewar years.

The above figures show decrease in attendances from July owing to the scare of Infantile Paralysis.

(viii) Eradication of Bed Bugs.

No. of Dwellings found to be infested.

Council Houses	0
Other houses	0

Rodent Control.

This work has been carried out on the same lines as last year. The Sanitary Inspector who is Rodent Officer for the district acting as agent for the County Council has supervised the work of baiting and poisoning in sewers under the Ministry of Food sewer treatment scheme and the work carried out by the rodent operative who is engaged on making a survey of the district and treating all infestations systematically in accordance with the Ministry of Food Formula. The number of infestations discovered and treated during the year is:-

Rat infestations	64
Mice infestations	6

4. Schools.

There are five elementary schools and one secondary school in the Urban District. The water supply in all cases is satisfactory. The sanitary accommodation at the secondary school and three of the elementary schools is satisfactory comprising water closets of suitable type. Latrines or trough closets are provided at one school and pail closets at one school. These pail closets are to be converted to water closets in the near future.

6. Parks and Recreation Grounds.

The area of parks, recreation grounds and public open spaces in the district is as follows:-

Memorial Park	12	acres.
High Lane Park.....	$10\frac{1}{2}$	"
Mellor Memorial Park.....	$\frac{1}{4}$	"
Brabyns Park	$90\frac{1}{4}$	"

Recreation Grounds.

Marple Village	$6\frac{1}{4}$	acres.
Windlehurst.....	$\frac{1}{2}$	"
Ludworth.....	$3\frac{1}{4}$	"
Mellor.....	$2\frac{3}{4}$	"
Hawk Green.....	6	"

Open Spaces.

Barlow Wood.....	20	"
High Lane.....	3	"

Total	$154\frac{3}{4}$	acres
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SECTION D.

1. Inspection of dwelling houses during the year.

Owing to the great demand for houses new and old and the shortage of manpower and materials it was felt the time was not opportune to attempt reconditioning or closing of dwelling houses which must inevitably follow inspection under the Housing Consolidated Regulations 1925 and 1932, consequently only urgent defects and nuisances prejudicial to health have been dealt with and notices for these served under the provisions of the Public Health Act, 1936 as shown in Section C of this report.

SECTION E.

Inspection and Supervision of Food.

(a) Milk Supply

There are 83 cowkeepers on the register, 40 of whom dispose of their milk by retail sale only, 23 by wholesale only and 20 part wholesale and part retail.

During the year 288 visits of inspection have been made to Farms and Dairies and substantial improvements have been made at 10 farms by co-operation with the farmers and land owners. Informal notices have been served in two instances and these have been complied with.

Milk Sampling.

The number of milk samples taken in the district and submitted for examination and test during the year is as follows:-

1. Tuberculosis Test.	58
2. Methylene Blue Reduction Test and B. Coli	121

Results:

<u>Tuberculosis.</u>	Negative	47
	Positive	5
	Spoiled Experiment	6

Methylene Blue Reduction Test and B. Coli.

Entirely satisfactory	88
Decolorisation Unsatisfactory	9
Bacillus Coli Unsatisfactory	15
Entirely Unsatisfactory	9

The producers of the unsatisfactory samples were interviewed and advised on clean milk production.

The T. B. positive results were immediately reported to the County Medical Officer of Health and as a result of investigations made by the Veterinary Officers of the Ministry of Agriculture and Fisheries 3 cows were proved to be giving Tuberculous Milk and were slaughtered under the Tuberculosis Order.

Milk (Special Designation) Order, 1936.

The Council has issued two supplementary licences for the retail sale of Pasteurised Milk in the Urban District. During the year three more Farms have been brought up to the required standard for Accredited Producers licences to be issued to the farmers concerned and one to Tuberculin tested standard.

(b) Meat Inspection.

There are eighteen butchers shops in the Urban District, also one travelling shop and ten slaughterhouses. Only one licence has been issued during the year for slaughterhouse and one licence to slaughter.

Since the operation of the Centralised Slaughtering Scheme under the Ministry of Food in 1940, the slaughterhouses in the Urban District have not been used, the home killed meat being allocated from the Stockport No. 2 Ministry of Food Depot where your Sanitary Inspector takes over the duties of Meat Inspection one week in four.

The number of carcasses examined by the Marple Sanitary Inspector during the year 1947 is as follows:-

Bovines including Bulls, Oxen, Cows and Heifers.	1,091
Calves	809
Sheep	3,121
Pigs	6
	<hr/>
Total	5,027
	<hr/>

The quantity of this meat condemned as unfit for human food is:-

Weight of meat including offal affected with Tuberculosis	21,832 lbs
Weight of meat affected with other disease	<u>5,650 lbs</u>
Total	<u>27,482 lbs</u>

The number of complete carcasses included in the above is as follows:-

	<u>Bullocks.</u>	<u>Cows.</u>	<u>Calves.</u>	<u>Sheep.</u>	<u>Pigs.</u>
Tubercular	-	24	5	2	-
Other Disease	-	-	-	-	-
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
Totals	-	24	5	2	-
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>

Total Carcases 31

Inspection of other foods.

Twenty-three visits were made for this purpose and the following foodstuffs were condemned:-

Corned Beef	315 lbs
Wheat Flakes	38 lbs
Flour	120 lbs
Bacon	$3\frac{1}{4}$ lbs
Pork Sausage	$16\frac{1}{2}$ lbs
Chopped Ham	$1\frac{1}{2}$ lbs
Stewed Steak	2 lbs
Steak and Kidney	3 lbs
Irish Stew	1 lb
Meat and vegetables	11 lbs
Pilchards and Sardines	11 lbs
Grade 3 Salmon	$\frac{1}{2}$ lb
Kippers	98 lbs
Herring Spread	$10\frac{1}{2}$ lbs
Luncheon Meat	$\frac{3}{4}$ lb
Condensed Milk	$76\frac{3}{4}$ lbs
Mixed Vegetables	$3\frac{1}{2}$ lbs
Peas	$10\frac{1}{2}$ lbs
Carrotts	22 lbs
Canned Potatoes	$85\frac{3}{4}$ lbs
Rangoon Beans	$8\frac{1}{2}$ lbs
Baked Beans	21 lbs
Canned Tomatoes	$4\frac{1}{2}$ lbs
Soups	15 lbs
Oats	47 lbs
Semolina	15 lbs
Ryvita	3 lbs
Sponge Mixture	5 lbs
Peaches	$2\frac{1}{2}$ lbs
Plums	2 lbs
Pears	$7\frac{1}{2}$ lbs
Grape Fruit	$2\frac{1}{2}$ lbs
Canned Jam	$7\frac{1}{2}$ lbs
Grape Fruit Marmalade	6 lbs
Damson Stoneless Jam	7 lbs

984 $\frac{3}{4}$ lbs

There are twenty-two bakehouses, 8 fried fish shops and 8 wet fish shops in the area and the following inspections have been made during the year

1. Bakehouses	53	Defects found and abated:-	12
2. Fried Fish Shops	22	" " " "	5
Wet Fish Shops	7	" " " "	4

174 visits to food premises have been made for inspection under the provisions of Sections 13 and 14 of the Food and Drugs Act, 1938.

There are twenty-eight premises registered under the provisions of Section 14 of the Food and Drugs Act, 1938.

(c) Adulteration of Food.

The County Council administer the sections of the Food and Drugs Act, 1938, dealing with the adulteration of food.

(d) Chemical and Bacteriological Examination of Food.

There have been no cases of food poisoning reported during the year and consequently no samples submitted for chemical and bacteriological examination other than the Milk Samples previously referred to.

Factories Act, 1937.

Inspection of Factories and Workplaces.

	<u>Inspections.</u>	<u>Notices.</u>	<u>Prosecutions.</u>
Factories with Mechanical Power	37	3	-
Factories without Mechanical Power	7	-	-
Other premises (Building Works etc)	-	-	-

Defects.

	<u>Found.</u>	<u>Abated.</u>	<u>Referred to H.M.I.</u>
Want of Cleanliness	2	2	-
Overcrowding	-	-	-
Unreasonable Temperature	-	-	-
Inadequate Ventilation	-	-	-
Ineffective drainage of floors	-	-	-
Sanitary Conveniences Insufficient	-	-	-
Sanitary Conveniences Unsuitable or defective	9	9	-
Sanitary Conveniences Not separate for sexes.	-	-	-
Other offences	-	-	-
Total	11	11	-

